

NEWS FROM MEMBERS

SMART GRIDS FOR SMART CITIES: SMART ENERGY MANAGEMENT

From hydropower to smart grids, Grenoble - Isère is breaking new ground in energy innovation. Smart grids play a crucial role in Grenoble-Isère's economy, creating opportunities for new energy technology and ICT specialists to work together.

Grenoble-Isère is unique in several respects:

- A diverse range of know-how covering the entire smart grid value chain and, in particular, grid management. Grenoble-Isère's historic giants and dynamic start-ups are leaders in energy, microelectronics, and IT.



- A truly exceptional track record and a long history of interdisciplinary and collaborative projects bringing together stakeholders across a variety of fields to drive innovation and economic growth.
- The GreenLys demonstrator, which will use two of Grenoble's eco neighborhoods for experimental smart grid rollout.



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VÉPRES CONSTRUCTIONS CONTINUES TO INCREASE ITS CLEANROOM SERVICE CAPABILITIES.

Of its activity in Grenoble and its region, the company strengthens its VEPRES CONSTRUCTIONS service.

With resources and supplies always in stock, "VEPRES" is always ready to respond to client needs to modify or maintain Cleanrooms.

Having a qualified and experienced workforce, new hires can be trained rapidly to sustain its quality of service and also maintain a stock readily adapted to the demands of its customers. This may seem completely at odds to the current environment, but it's a calculated, measured risk that management continues to take because the challenges of its customers do not wait!

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WHAT DOES THE FUTURE HOLD FOR YOUR COMPANY?

Accretech has enjoyed almost 60 years of continued business success in the semiconductor industry with the last 15 years being predominantly positive in the semiconductor sector. Over the last 15 years, Accretech has provided a roadmap of continual engineering, technical and productive improvement. Accretech provides market leading solutions for blade and Mahoh laser dicing, wafer probing, wafer thinning and polishing, wafer edge grinding as well as service and support for the whole of Europe. Furthermore, Accretech provides both Mahoh and blade dicing services in a dedicated clean room at the European headquarters in Munich.

Accretech continues to lead technology and drive innovation whilst partnering with leading manufacturers to provide the required solutions to all customers.

Be sure to choose the right partner. Accretech.



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YOLE DÉVELOPPEMENT FOCUSES ON FLIP CHIP!

We announce our presentation "Flip Chip Market and Technology Trends" to be held at EMPC 2013, from 9 to 12 Sept. in Grenoble, by Rozalia Beica, CTO, at Yole Développement. The flip chip market is currently experiencing strong growth, at a compound annual rate (CAGR) of 19%, thanks in large part to copper pillar and microbumping metallurgy advances for expanded use in memory, consumer electronics, and mobile phones. Flip chip technology continues to evolve and is playing a large role in 2.5D interposers and 3DICs. More information on Flip Chip?

- 3D Packaging Magazine: www.i-micronews.com/advanced-packaging/
- Editorial webcast: www.i-micronews.com/consult_webcast.asp?uid=126

Keep posted on Yole Développement activities, feel free to subscribe (www.i-micronews.com/micronews/subscribe/) or contact us at



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TECHNICAL NOTE RECIF TECHNOLOGIES G5 300

RECIF Technologies delivered in March 2013, multiple sets of G5 300 to a US based global leader in manufacturing solutions. After an "in depth particle characterization run", the conclusion reached was that the G5 300 platform was entirely fulfilling, and even exceeding expectations in term of particle cleanliness, and otherwise.

The G5 platform has been characterized on the newly released KLA Tencor Surfscan SP3. The results demonstrated its capability to handle wafers with an ultra high level of cleanliness, down to a 26 nm particle size; the smallest ever performed. See results here after:

PWP results

Particles per Wafer Pass - Front face
Based on 1000 transfers test

2013 - Surfscan SP3		2007 - Surfscan SP2	
26 nm	40 nm	26 nm	40nm
0.0049	0.0034	NA	0.01

Conclusion :

Thanks to its outstanding cleanliness results achieved at 26 nm and 40 nm, the G5 platform demonstrated its continuous improvement over the years, and proved being the tool of choice to support the wafer manufacturing at the most advanced nodes, toward the 1x nm and beyond.



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NEW POWER FOR YOUR LOGISTICS BY DB SCHENKER

With a wide range of logistics services tailored to the needs of the semiconductor and solar industry DB Schenker Logistics supports its customers in procurement, production, supply, distribution and after-sales services.

The worldwide transportation of sensitive components by land, air and ocean is as much a part of the service portfolio as the proper storage of sensitive high-tech goods, the exact supply of production lines just in time and the precise control of the carriage to the final consignee. These services are complemented by comprehensive logistics services, such as equipment logistics, clean room services, spare parts logistics and different technical services (e.g. integrated photovoltaic quality testing).

The combination of a dense global network and dedicated semiconductor and solar industry knowledge allows DB Schenker's customers to trust in its competency.

With more than 2,000 locations worldwide, the global network of DB Schenker provides solutions with clearly defined operational terms and seamless tracking.

In France DB Schenker offers a logistics center in Froges/Crolles with 3,300 sqm warehouse space and 3 ground access gates according to semicon/solar industry requirements.

For further information on our semicon/solar logistics services in France please contact Denise. JUNGBLUTH@dbshenker.com



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